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GERMAN, per, Glas-Email Keramo-Technik, Vol VII, Jan
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New Refractory Materials, by F. Reinhardt.

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Technik, Vol IX, No 9, 1958, pp 327-329.

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Sci " Phys
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Ferrites, by F. Reinhart, 7 pp.

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Sci - Chemistry

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Reinhart, Hans.

GRINDING OF HARD METALS (CARBIDES) WITH
DIAMOND GRINDING WHEELS. [1962] 13p. (figs.
omitted) 4 refs.

Order from SLA \$1.60

62-16840

Trans. of Werkstatt und Betrieb (West Germany)
1961, v. 94, no. 8, p. 529-533.

DESCRIPTORS: *Carbides, Metals, *Grinders,
*Diamond wheels.

Diamond grinding wheels bonded with bronze were
advantageously sharpened with ceramic bonded
carborundum honing stones. A requirement was
recognized that the grains of the hone must be some-
what coarser than those of the diamond used in the
apparatus. The rule of thumb for figuring the grain
number of the hone in the usual diamond designations
of the German Language according to DIN848 (aver-
(Machinery, Fabrications and Accessory Equipment,
TT, v. 8, no. 9) (over)

62-16840

I. Reinhart, H.

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The Retardation Curves of Rotating Machines and
Their Evaluation, by Fritz Reinhardt.

GERMAN, per, Elektrotechnische Z, Vol LVII, No 11,
1936, pp 297-301.

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Innovations for Improving the Regularity of
Laps on Seutehars and La Machines, by
G. Reinhardt.

GERMAN, per, Melliand Textilberichte,
No 6, 1955, pp 624-626.

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Jan 62

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On the Densest Lattice Packing of Congruent
Regions in a Plane and a Special Kind of Convex
Curve, by K. Reinhardt. 109

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K. Reinhardt

Sci/Mathematical

Mar 67

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A Comparison of the Sensitivities of
Different Methods of Measurements for Radio
Carbon, by M. Reinharz, G. Rohringer, E.
Broda, 4 pp.

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A.E.R.E. Harwell No 458

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Production of Lubricants From Solid
Paraffin Hydrocarbons of the Fischer-Tropsch
Synthesis (Normal-Pressure Synthesis)
Using Their Olefin-Rich Cracking Distil-
lates, by Herbert Koch, ERE Reinhold,
22 pp.

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Vol. XII, No 15, 1954, pp 169-177.

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Jun 62

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REVIEW OF EAST GERMANY FOOD SUPPLY SITUATION, BY
ALFRED KERNER, 32 PP.

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PP 25-32.

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WEST GERMAN OBSERVATIONS ON EAST GERMAN
STATISTICS, BY ALFRED REINHOLD, 13 PP.
GERMAN, FOR, SEE ARCHIV, VOL. XIII, NO 21,
PP 322-326.

JPRS 17542

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FEB 63

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Soil Cement in Germany, by F. Reinhold, 7 pp.

Full translation.

GERMAN, book, Beobachtungen an Betonfahrbahndecken,
Kirschbaum Verlag, 1952, pp 73-75.

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Aug 55

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Contribution to Congenital Block Vertebra
Formation and Howelers' Disease of the Cervical
Spinal Column, by H. Reinhold, R. Sauerbrey,

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DEUTSCH, ger, Zeitschrift für Anatomie, Vol 91,
1959, No 5, pp 643-648
IRA TP-65-10206

H Reinhold

Sci - Biol
June 67

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Reinhold, H. and Mohring, H.
CONDUCTION OF ELECTRICITY AND DIFFUSION
IN SEMIMETALLIC ALLOYS. I. $\text{Cu}_2\text{-xSe}$. [1962] 12p.
(figs. omitted) 33 refs.
Order from SLA \$1.60

62-20246

Trans. of Zeitschrift für Physik[alische] Chem[ie],
Leipzig (Germany) 1937, v. 38B, p. 221-244.

DESCRIPTORS: *Electrical conductance, *Diffusion,
Alloys, *Copper alloys, *Selenium alloys, *Semicon-
ductors, Thermoelectricity

(Physics--Solid State, TT, v. 10, no. 1)

62-20246

I. Reinhold, H.
II. Mohring, H.
III. Title: $\text{Cu}_2\text{-xSe}$

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Reinhold, H., Rood, M. de, and Kenis, Y.
COMBINED EFFETS ON ANGIOTENSIN AND CYCLO-
PROPANE ON HEART RHYTHM (Effets Combines de
l'angiotensine et du Cyclopropane sur le Rythme
Cardiaque). Paper presented at the World Congress of
Anesthetists (no. 2) Toronto, 4-10 Sep 60. [196?]
14p. 23 refs.
Order from SLA \$1.60 62-16114

Trans. of Acta Anaesth[esiologica] Belg[ica] 1960, v. 11
[no. 2] p. 163-176.

DESCRIPTORS: *Vasomotor drugs, Epinephrine,
*Anesthesia, Blood pressure, *Heart, *Rhythm,
*Hypertension, *Propanes.

Sixty hypertensive tests were conducted on 12 dogs
anesthetized with cyclopropane, with equipotent doses
of these two vasopressor substances. Examination of
the electrocardiographic tracings has demonstrated
(Biological Sciences--Pharmacology, TT, v. 9, no. 3)
(over)

62-16114

I. Reinhold, H.
II. Rood, M. de
III. Kenis, Y.
IV. Title: World ...

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Office of Technical Services

Reinhold, H. and Branninger, Helmut.
ELECTRICAL CONDUCTIVITY AND DIFFUSION IN
SEMIMETALLIC ALLOYS. III. Cu_{2-x}Te . [1962] 18p.
(figs. omitted) 11 refs.
Order from SLA \$1.60

62-20248

Trans. of Z[eitschrift für] Physik[alische] Chem[ie],
Leipzig (Germany) 1938, v. 41B, p. 397-426.

DESCRIPTORS: *Copper alloys, *Tellurium alloys,
*Semiconductors, *Electrical conductance, *Diffusion,
Thermoelectricity.

The specific conductivities of the semimetallic alloys
of the compositions $\text{Cu}_{1.95}\text{Te}$, $\text{Cu}_{1.87}\text{Te}$, $\text{Cu}_{1.80}\text{Te}$
and $\text{Cu}_{1.71}\text{Te}$ were measured in the temperature range
from -400°C to -180°C in dependence on the prelimi-
nary thermal treatment of the alloys. They are of the
order of magnitude of 10^3 to $10^4 \text{ ohm}^{-1} \text{ cm}^{-1}$. The
thermoelectric powers of the cells: Pt Cu_{2-x}Te were
(Physics--Solid State, TT, v. 9, no. 8) (over)

62-20248

I. Reinhold, H.
II. Branninger, H.
III. Title: Cu_{2-x}Te

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Reinhold, H., Rood, M. de, and Kenis, Y.
COMBINED EFFETS ON ANGIOTENSIN AND CYCLO-
PROPANE ON HEART RHYTHM (Effets Combines de
l'angiotensine et du Cyclopropane sur le Rythme
Cardiaque). Paper presented at the World Congress of
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ELECTRICAL CONDUCTIVITY AND DIFFUSION IN
SEMIMETALLIC ALLOYS. III. Cu_{2-x}Te . [1962] 18p.
(figs. omitted) 11 refs.
Order from SLA \$1.60

62-20248

Trans. of Zeitschrift für Physik[alische] Chemie,
Leipzig] (Germany) 1938, v. 41B, p. 397-426.

DESCRIPTORS: *Copper alloys, *Tellurium alloys,
*Semiconductors, *Electrical conductance, *Diffusion,
Thermoelectricity.

The specific conductivities of the semimetallic alloys
of the compositions $\text{Cu}_{1.95}\text{Te}$, $\text{Cu}_{1.87}\text{Te}$, $\text{Cu}_{1.80}\text{Te}$
and $\text{Cu}_{1.7}\text{Te}$ were measured in the temperature range
from -400° to -180°C in dependence on the prelimi-
nary thermal treatment of the alloys. They are of the
order of magnitude of 10^3 to $10^4 \text{ ohm}^{-1} \text{ cm}^{-1}$. The
thermoelectric powers of the cells: Pt Cu_{2-x}Te were
(Physics--Solid State, TT, v. 9, no. 8) (over)

62-20248

I. Reinhold, H.
II. Branninger, H.
III. Title: Cu_{2-x}Te

Office of Technical Services

measured in the temperature range from 100° to -150°C in dependence on the preliminary thermal treatment of the alloys. The constants of propagation diffusion were measured in the region of the three enantiotropic phases of the alloy. The order of magnitude amounted to 10^{-2} to $1\text{ cm}^2\text{ day}^{-1}$. The electrolytic transport numbers of the alloys of the compositions $\text{Cu}_{1.85}\text{Te}$ and $\text{Cu}_{1.77}\text{Te}$ were determined at 410°C ($\alpha\text{-Cu}_{2-x}\text{Te}$) and at 335°C ($\beta\text{-Cu}_{2-x}\text{Te}$). They are of the order of magnitude of 10^{-4} . The existence of predominating defect conductivity of electrons and Cu^{+} ions was concluded from the results. (Author)

PB-

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SEMIMETALLIC ALLOYS. II. $\text{Cu}_2\text{-xSe}$. [1962] 18p.
(figs. omitted) 25 refs.
Order from SLA \$1.60

62-20247

Trans. of Z[eitschrift für] Physik[alische] Chemie,
Leipzig [Germany] 1937, v. 38B, p. 245-269.

DESCRIPTORS: *Copper alloys, *Selenium alloys,
*Semiconductors, *Electrical conductance, *Diffusion,
Thermoelectricity.

(See also 62-20246)

(Physics--Solid State, TT, v. 9, no. 8)

62-20247

I. Reinhold, H.
II. Seidel, H.
III. Title: $\text{Cu}_2\text{-xSe}$

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Reinhold, H. and Schmitt, Karl.
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CONDUCTIVITY AND THERMOELECTRIC POWER
OF α -SILVER SULFIDE. [1962] 21p. (figs. omitted)
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Order from SLA \$2.60

62-20458

Trans. of Zeitschrift für Physik[alische] Chemie,
Leipzig (Germany) 1939, v. 448, p. 75-97.

DESCRIPTORS: *Sulfides, *Silver compounds,
*Thermoelectricity, *Electrical conductance, *Semi-
conductors, *Diffusion.

(See also 62-20248)

(Physics--Solid State, TT, v. 9, no. 8)

62-20458

I. Reinhold, H.
II. Schmitt, K.
III. Title: Electrical ...

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of D-Silver Sulfide. A Contribution to the
Understanding of the Tarnishing Process, G. H.
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Vol XXXVIII, 1938, pp 178-183. 9097800

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Ger - Phys, Chem
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Some Problems on Testing Scale Formed in Differently
Fired Furnaces, by M. Reinhold.

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Sci - Engr

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Marxism-Leninism, by Otto Reinhold.

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Cutting Ceramics for the Manufacture of Machine
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JPRS 7948

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The Behavior of Atmospheric-electric Fields
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AF Cambridge Res Center

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The Mechanism of Sedimentation on Tidal Flats, by
Th. Reinhold.

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THE PROBLEM OF THREAD CLEANING. [1981?]
(5 figs. omitted).
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Trans. of Textil- und Faserstofftechnik (Germany)
1984, v. 4, no. 11, p. 641-642.

(Materials--Textiles, TT, v. 5, no. 12)

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1. Thread--Cleaning
2. Thread--Production
3. Textiles, C.

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Presence in France of Human Infections of the
Coxsackie Group (Virus C). Isolation of the Virus,
by P. Lepine, S. Thieffry, L. Feinle, V. Sautter,
Mme. Martin, 6 pp.

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Full translation.

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ME - France
Scientific - Medicine, Coxsackie Group, Virus

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Oct 52 CTR/DEX

Sprayed Metal Coatings Improved by Impregnation,
by H. Reininger.
CHIMIE, par. Metall-Reinigung Vorbehandlung.
Vol 13, no 3, Mar 1964, pp 48-52.
141 6282

H Reininger

ELC-Germany
Schiffbau
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On Disturbances of Eye Development in Rat
Embryos by Oxygen Deficiency in Early Pregnancy,
by A. Werthemann, M. Reiniger, 31 pp.

OZERMAN, per, Acta Anat, Vol XI, 1950, pp 329-347.

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Flame Spraying of Metals, by H. Reininger.

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Testing and Evaluation of Binders for Foundry Sands,
by Reininger. *H.*

GERMAN, per, Giesserei-Praxis, Vol LXXV, 25 Apr 1957,
pp 176-181.

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Sci - Engr
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Corrosion-Protection by Sprayed-on Metal-
Coatings, by Hans Reisinger, Bad Schandau, 53pp
GERMAN, per, Handstoffe und Korrosion, Vol. 4,
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Hans Reisinger

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Cold Sprayed Powder Coating, by H. Reininger,
9 pp.

GERMAN, per, Deut Farben Zeit, Vol XII,
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OTS 60-16573

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CORROSION PROTECTION BY SPRAYED-ON METAL-
LIC COATINGS. [1962] 26p. (figs. tables refs. omit-
ted).
Order from SLA \$2.60

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Trans. of Werkstoffe und Korrosion (West Germany)
1953, v. 4, p. 156-172.

DESCRIPTORS: *Corrosion inhibition, *Metal coatings,
Surface properties, Paint sprayers, Adhesion.

(Metallurgy--Corrosion, TT, v. 9, no. 4)

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I. Reininger, H.

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Measuring of Metallized Coat Thickness in the
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Brutcher No 2577, \$ 4.40

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The Importance of Echos From the Sporadic
E-Layer in Pulsed Transmission Over 1,700
Kilometers (Athens to Breisach), by
Bodo Reinisch, (SF-3910)
GERMAN, per, A. E. Ue, Vol XIX, No 7, 1965,
pp 361-366.
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Method to Determine Optimum Correction Factors for
Linear Single- Loop Control Circuit, by Karl Reinisch,
16 pp.

CZECH, bk, Souhrn Praci o Automatizaci, Nakladatelstvi
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Trend of Developments in German Structural
Steelwork, by F. Reinitzhuber.

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Vol XX, No 1, 1961, pp 29-38.

BISI 2584

WZur - Germany

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Reinius, Erling.

A THEORY OF THE DEFORMATION AND THE
FAILURE OF CONCRETE. [1961] 31p. 10 refs.
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Trans. of Betong (Sweden) 1955, v. 40, no. 1,
p. 15-43.

DESCRIPTORS: *Concrete, Deformation, Failure
(Mechanics), Physical properties, Rupture, Theory,
Stresses.

A theory is proposed to explain the behaviour of con-
crete - the nature of rupture and crack formation, de-
formation in connection with rupture, the variation of
Poisson's ratio under an increasing load, the function
of reinforcement in the case of spiral reinforcement of
columns, etc.

(Materials, TT, v. 6, no. 12)

61-18957

I. Reinius, E.

Office of Technical Services

A Theory of the Deformation and the Failure of
Concrete, by Erling Reinus.

SWEDISH, per, Betong, Vol I, 1955, pp 31 pp.

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THE NEW HALLS FERRY "BUNKER", BY ALFRED
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CHRON. P. 1. THE SPENT THE BUNKER, NO 5, 1963,
PP 17-18. NO 6, 1963, PP 201-202.

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On the Determination of Point of
Support in the Production of Shovel-
like Body by Path Controlled Mill, by
A. Clausen, P. Reinke.
GERMAN, per, Elektronische Daten-
verarbeitung, Vol 7, no 2, 1965,
pp. 73-80
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P. Reinke
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On the Origin and History of Turkish Red, by
Karl Reinking, Sabri Atayolu, 16 pp. UNCLASSIFIED

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MECHANICAL STRENGTH AND ELASTICITY OF
THIN QUARTZ FIBERS [PT. III]. [1961] 26p. (7 figs.
omitted) 27 refs.

Order from SLA mi\$2.70. ph\$4.80 61-10846

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2. Quartz fibers--
Mechanical properties
1. Reinkober, O.

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THE ELASTIC AND MECHANICAL PROPERTIES OF
THIN QUARTZ FIBRES, PT. II. [1961] 17p. (2 figs.
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1. Quartz fibers--Elasticity
2. Quartz fibers--
Mechanical properties
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Texture in the Ferrrous Scale XI. A Study of Scales
Forming during Oxidation of Iron in Carbon
Dioxide, by V. I. Arkharov, V. P. Mar'evich, M.
Reinkol'd, M. Y. Simonova, 3 pp.

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The Electrolytic Separation of Chromium From Aqueous
Chromic Acid Solutions Containing Foreign Ions, by
D. Reinkowicz, C. A. Enorr, 14 pp.

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Practical Experience in the Prophylaxis of Acute
Cardiac Standstill, by J. Reithmüller, 16 pp.

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OF VICTOR PAVEL REIDER, 1 PP. REIDERMAN GOK
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LA - YEMEREA

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Low Temperatures, by N. M. Reznov, A. P. Smirnov, 3
3 pp.

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pp 128-130.

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Temperature Dependence of Artirary Magnetization
in Ferrites Co-Zn, at Low Temperatures, by
S. M. Reing, et al.

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Selective Transparency of Atmospheric Aerosols, by
S. P. Rodionov, E. M. Pavlova, N. M. Reinov, Ye. V.
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The Temperature Dependence of the Spontaneous
Magnetization of Co-Zn Ferrites at Low Temperatures,
by N. M. Belinov, M. F. Stei'zakh, 4 pp.

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Nov 58

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Excitons in Cuprous Oxide Crystals at the Temperature
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No 2, 1953, p 265.

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